

Converting Colors

HunterLab(46.3600, -16.8574,
7.9001)

Have a look what the booklet for
HunterLab(46.3600, -16.8574,
7.9001) contains.

HunterLab(46.4103, -16.9789, 7.9630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.4103,
-16.9789, 7.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8972
RGB	95, 137, 114
RGB Percent	37%, 54%, 45%
CMY	0.6274, 0.4627, 0.5529
CMYK	0.31, 0.00, 0.17, 0.46
HSL	147°, 18%, 45%
HSV	147°, 31%, 54%
XYZ	16.7023, 21.5392, 19.1968
YIQ	121.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

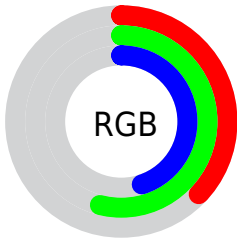
Format	Color
R _Y B	95, 124, 137
Decimal	6261106
CIE Lab	53.54, -19.66, 7.74
CIE LCh	54, 21.129, 158.507
Yxy	21.5401, 0.2908, 0.3750
Android (android.graphics.Color)	4284451186 (0xFF5F8972)
YUV	121.8200, -3.8553, -23.5211
Hunter-Lab	46.4103, -16.9789, 7.9630

Details

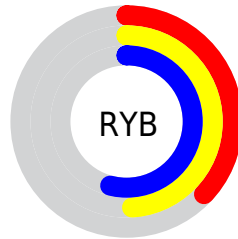
The HunterLab color **46.4103, -16.9789, 7.9630** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **38.4856, 14.6499, -2.4353**, and the grayscale version is **44.0658, -2.3512, 2.3942**.

A 20% lighter version of the original color is **67.9837, -20.3886, 10.0713**, and **27.9537, -13.3906, 6.0583** is the 20% darker color. If you saturate the color by 10%, you get **45.5036, -20.8182, 9.7302**, and if you desaturate by 10%, it is **47.4524, -12.7051, 6.2128**.

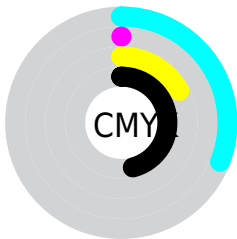
Distribution



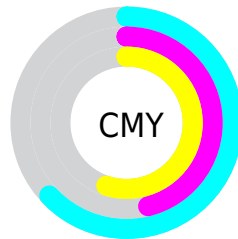
- Red (37%)
- Green (54%)
- Blue (45%)



- Red (37%)
- Yellow (49%)
- Blue (54%)



- Cyan (31%)
- Magenta (0%)
- Yellow (17%)
- Black (46%)



- Cyan (63%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4103, -16.9789, 7.9630 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 46.4103, -16.9789, 7.9630 by changing the saturation by 10% instead.

■ 46.4103, -16.9789,
7.9630

■ 46.4103, -16.9789,
7.9630

161.2870,
-31.4200, 17.3254

■ 36.7686, -15.2310,
6.9770

■ 67.8120, -20.3241,
9.9524

■ 27.9054, -13.4013,
5.9871

■ 79.4841, -21.9473,
10.9620

■ 19.8973, -11.4503,
4.9813

■ 91.7584, -23.5498,
11.9846

■ 12.8479, -9.3055,
3.9361

■ 104.6065,
-25.1376, 13.0215

■ 6.2563, -10.9484,
4.3794

118.0039,
-26.7153, 14.0735

0.0000, NaN, NaN

131.9290,

0.0000, NaN, NaN

-28.2865, 15.1413

0.0000, NaN, NaN

146.3625,
-29.8540, 16.2252

0.0000, NaN, NaN

■ 46.4103, -16.9789,
7.9630

■ 46.4103, -16.9789,
7.9630

■ 45.5036, -20.8182,
9.7302

■ 47.4524, -12.7051,
6.2128

■ 44.7298, -24.1876,
11.4935

■ 48.6254, -8.0342,
4.4952

■ 44.0880, -27.0644,
13.2324

■ 49.9270, -3.0103,
2.8253

■ 43.5743, -29.4376,
14.9252

■ 51.3532, 2.3222,
1.2149

■ 43.1822, -31.3120,
16.5502

■ 52.8990, 7.9198,
-0.3272

■ 42.9018, -32.7110,
18.0859

■ 54.5591, 13.7415,
-1.7945

■ 42.7079, -33.7171,
19.4043

■ 56.3279, 19.7498,
-3.1831

■ 58.1996, 25.9112,
-4.4912

■ 60.1684, 32.1964,
-5.7185

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.4113, -12.3988, 13.2916



46.4103, -16.9789, 7.9630



46.4113, -17.8269, 0.1211

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.4113, -16.9796, 7.9636



46.4113, 0.0105, -16.0303



46.4113, 11.2846, 11.3467

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.4103, -16.9789, 7.9630



38.4856, 14.6499, -2.4353

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.4113, 15.1657, 4.8093



46.4103, -16.9789, 7.9630



46.4113, 8.3512, -11.6583

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.4113, -16.9796, 7.9636



46.4113, -8.4239, -14.7629



46.4113, 14.0547, -3.6605



46.4113, 3.7813, 14.9812

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.4103, -16.9789, 7.9630



46.4113, -16.2248, -5.6882



46.4113, 14.0547, -3.6605



46.4113, 13.0802, 9.4688

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.4113, -16.9796, 7.9636



65.3132, -9.7986, 5.6851



47.5154, -13.6653, 15.5297



30.8309, -5.0370, 2.8298



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.4113, -16.9796, 7.9636



61.2191, -26.4614, 12.3485



46.9805, -13.7046, -0.1730



23.7558, -3.5539, 2.0642



41.2211, -32.5232, 18.6855



3.4025, -2.3871, 0.9004

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.4856, 14.6499, -2.4353



48.3437, 25.1131, -4.4504



37.9055, 11.7031, 5.8338



22.5641, 1.1735, 0.4882



23.3024, 41.9487, -0.7761



1.9756, 3.6931, -1.1249

Previews

White Background



This preview shows how the HunterLab color 46.4103, -16.9789, 7.9630 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.4103, -16.9789, 7.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

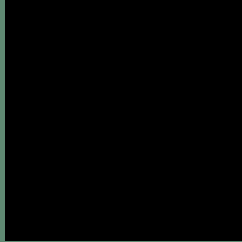
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

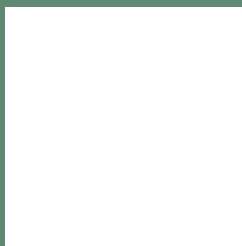
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.4103, -16.9789, 7.9630 Background



This preview shows how black text looks on a background with the HunterLab color 46.4103, -16.9789, 7.9630.



This preview shows how white text looks on a background with the HunterLab color 46.4103,

-16.9789, 7.9630.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.4103, -16.9789, 7.9630

Protanopia

46.2074, -2.9025, 9.8576

Deuteranopia

46.2380, 3.2238, 6.9679



Tritanopia

46.4278, -9.0132, -5.2446

Trichromacy



Original Color

46.4103, -16.9789, 7.9630

Protanomaly

46.2313, -8.5831, 9.0504

Deuteranomaly

45.9727, -4.8331, 6.9342

Tritanomaly

46.2561, -11.8564, -0.1477

Monochromacy



Original Color

46.4103, -16.9789, 7.9630

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.6715, -7.8433, 4.2249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4103, -16.9789, 7.9630 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 137, 114)` looks like.

```
.text, #text, p{  
    color:rgb(95, 137, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 137, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 137, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4103, -16.9789, 7.9630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 137, 114) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 137, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 137, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 137, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 137, 114);  
box-shadow:4px 4px 4px 4px rgb(95, 137,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4103, -16.9789, 7.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 137, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 137,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor